

# KRATON® D1101 J

Styrene Butadiene Block Copolymer

Kraton Polymers LLC

## Message:

Kraton D1101 J is a clear, linear block copolymer based on styrene and butadiene with bound styrene of 31% mass. It is supplied from Japan in the physical form(s) outlined in the following grade nomenclature.

D1101 JO - supplied as dusted crumb

D1101 JU - supplied as undusted crumb

D1101 JSM - supplied as powder dusted with amorphous silica

Kraton D1101 J is used as a modifier of bitumen and polymers. It is also suitable as an ingredient in formulating compounds for footwear applications and may be used in formulating adhesives, sealants and coatings.

General Information			
Features	Block Copolymer		
Uses	Adhesives		
	Asphalt Modification		
	Coating Applications		
	Footwear		
	Plastics Modification		
	Sealants		
Appearance	Clear/Transparent		
Forms	Crumb		
	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	< 1.0	g/10 min	ASTM D1238
Bound Styrene	28.0 to 34.0	%	
Ash Content			ISO 247
JO	< 1.0	%	
JSM	< 5.0	%	
JU	< 0.50	%	
Solution Viscosity - Toluene, 25%wt (25°C)	3.0 to 5.0	Pa · s	Internal Method
Volatile Matter - 2 hr (110°C)	< 1.0	%	
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 30 sec)	72		ISO 7619
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (300% Strain)	2.90	MPa	ISO 37
Tensile Stress (Yield)	33.0	MPa	ISO 37
Tensile Elongation (Break)	880	%	ISO 37

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

